| Inde | ex of ( | Claims |  |
|------|---------|--------|--|
|      |         |        |  |

| Application/Control No. |
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Applicant(s)/Patent under Reexamination

10/535,568

Examiner

SAMMARTIN ET AL.

Dana Ross

3722

|   | <b>√</b> | Rejected |
|---|----------|----------|
| - | Н        | Allowed  |

- (Through numeral) Cancelled

Restricted

| N | Non-Elected  |
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| _ | Interference |

| A | Appeal   |
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| Cla      | im                               | Date   |              |              |  |  |                | $\neg$   |  |                 |
|----------|----------------------------------|--|--------------|--------------|--|--|----------------|--|--|-----------------|
|          |                                  | Date   |              |              |  |  |                |  | $\dashv$   |                 |
| Final    | Original                         | 9/4/07   |              |              |  |  |                |  |  |                 |
|          | 1                                | 1  |              |              |  |  |                |  |  |                 |
|          | 2 3                              | 0  |              |              |  |  |                |  |  |                 |
|          | 3                                | 0  |              |              |  |  |                |  |  |                 |
|          | 4                                | 0  |              |              |  |  |                |  |  |                 |
|          |                                  | 1  |              |              |  |  |                |  |  |                 |
|          | 6                                | 0  |              |              |  |  |                |  |  |                 |
|          | 5<br>6<br>7                      | <00<00   |              |              |  |  |                |  |  |                 |
|          | 8                                | 1  |              |              |  |  |                |  |  |                 |
|          | 8                                | 0  |              |              |  |  |                |  |  |                 |
|          | 10                               | 0  |              |              |  |  |                |  |  |                 |
|          | 11                               | 0  |              |              |  |  |                |  |  |                 |
|          | 12                               | 000  |              |              |  |  |                |  |  |                 |
|          | 13                               | 0  |              |              |  |  |                |  |  |                 |
|          | 14                               | 0  |              |              |  |  |                |  |  |                 |
|          | 15                               | 0  |              |              |  |  |                |  |  |                 |
|          | 11<br>12<br>13<br>14<br>15<br>16 | 00077  |              |              |  |  |                |  |  |                 |
|          | 17                               | V  |              |              |  |  |                |  |  |                 |
|          | 17<br>18<br>19                   | 1  |              |              |  |  |                |  |  |                 |
|          | 19                               |  |              |              |  |  |                |  |  |                 |
|          | 20<br>21                         |  |              |              |  |  |                |  |  |                 |
|          | 21                               |  |              |              |  |  |                |  |  |                 |
|          | 22                               |  |              |              |  |  |                | L  |  |                 |
|          | 22<br>23<br>24                   |  |              |              |  |  |                |  |  |                 |
|          | 24                               |  |              |              |  |  |                |  |  |                 |
|          | 25<br>26<br>27                   | $ldsymbol{f eta}$                                |              | $oxed{oxed}$ |  |  |                |  | Ш  | Щ               |
|          | 26                               | L  |              |              |  |  |                |  |  |                 |
|          | 27                               | <u> </u>   |              | _            | _  |  | _              |  | _  | Щ               |
|          | 28<br>29<br>30                   | <u> </u>   |              |              | ļ  |  |                |  | _  | -               |
|          | 29                               | <u> </u>   | _            |              | _  |  |                |  |  | $\dashv$        |
|          | 30                               | <u> </u>   |              | _            |  |  |                | _  | _  |                 |
|          | 31<br>32                         | ⊢  | $\vdash$     | <u> </u>     | ├-   | $\vdash$   | _              | H  | $\vdash$   | $\vdash \vdash$ |
|          | 32                               | $\vdash$   | $\vdash$     | -            | -  | -  |                | -  | -  | $\vdash$        |
|          | 33                               | <u> </u>   |              | <u> </u>     | <del> </del> —                                   | <u> —</u>  | -              |  | <u> </u>   | Н               |
|          | 34<br>35                         | $\vdash$   | $\vdash$     | <u> </u>     | -  | _  | -              |  |  | $\vdash\vdash$  |
|          | 35                               | -  | <del>-</del> |              | ├  | $\vdash$   | $\vdash$       | $\vdash$   | H  | $\vdash$        |
| ļ        | 36<br>37<br>38                   | -  | $\vdash$     | -            |  |  | <del> </del> — |  | -  | $\vdash\vdash$  |
|          | 30                               | ├  | ├            | <del> </del> | $\vdash$   | H  | -              | $\vdash$   | <u> </u>   |                 |
| $\vdash$ | 39                               |  | $\vdash$     | $\vdash$     | -  | $\vdash$   |                | $\vdash$   | $\vdash$   | $\vdash \vdash$ |
| -        | 40                               | $\vdash$   | <del> </del> | $\vdash$     | $\vdash$   | $\vdash$   |                | $\vdash$   |  | $\vdash$        |
|          | 41                               |  | $\vdash$     | $\vdash$     | ┢  | $\vdash$   |                | -  | $\vdash$   | $\vdash \vdash$ |
|          | 42                               | $\vdash$   |              | $\vdash$     | $\vdash$   | $\vdash$   |                | $\vdash$   | <del> </del>                                     | H               |
|          | 43                               | -  | $\vdash$     | $\vdash$     | <del>                                     </del> | ┢  | -              | $\vdash$   |  | H               |
|          | 44                               |  | $\vdash$     | -            | <del>                                     </del> | Η-   | ۳-             |  | <del>                                     </del> | H               |
|          | 45                               | -  | $\vdash$     | $\vdash$     | _  | <del>                                     </del> | _              |  | <del>                                     </del> | H               |
|          | 46                               | <del>                                     </del> | $\vdash$     | $\vdash$     |  | $\vdash$   |                | <del>                                     </del> | $\vdash$   | $\vdash$        |
|          | 47                               |  |              | $\vdash$     | <del>                                     </del> |  |                | $\vdash$   | $\vdash$   | М               |
|          | 48                               |  | _            | $\vdash$     | $\vdash$   | $\vdash$   |                |  |  | М               |
|          | 49                               | Ī  |              | Ì            | l  | $\vdash$   |                |  |  | П               |
|          | 50                               |  |              | Γ            |  |  |                |  |  | П               |

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|----------|----------|--|--|--|--|----------|--------------|----------|--|--|
|          |          |  |  |  |  |          |              |          |  |  |
| <u></u>  | Original |  |  |  |  |          |              |          |  |  |
| Final    | igi      |  |  |  |  |          |              |          |  |  |
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|          | 51       |  |  | H  | Η-   | $\vdash$ |              |          |  |  |
|          | 52       |  |  |  |  | -        |              |          | -  |  |
|          | 52       |  |  |  |  | -        |              |          |  |  |
|          | 53       | _  |  |  | ļ  |          |              |          |  |  |
|          | 54       | _  |  |  |  |          |              |          |  |  |
|          | 55       | _  |  |  |  | <u> </u> |              |          |  |  |
|          | 56       |  |  |  |  |          |              |          |  |  |
| L        | 57       | <u> </u>   |  |  | L  |          |              |          |  |  |
|          | 58       |  |  |  |  |          |              |          |  |  |
|          | 59       |  |  |  |  |          |              |          |  |  |
|          | 60       | _  |  |  | _  |          |              |          |  |  |
|          | 61       |  | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$ |              |          | _  | $\neg$   |
| -        | 62       | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$ |              |          | -  |  |
|          | 63       | $\vdash$   | <del> </del>                                     | $\vdash$   | $\vdash$   | -        | -            |          | -  | Н  |
|          | 64       |  |  |  | ├  |          |              |          |  | $\vdash$   |
| -        | 64       | <u> </u>   | $\vdash$   | <u> </u>   | <u> </u>   | <u> </u> |              |          | <u> </u>   | Ш  |
|          | 65       | <u> </u>   | <u> </u>   | <u> </u>   | <u> </u>   |          |              |          |  |  |
|          | 66       |  |  | <u> </u>   | <u> </u>   |          |              |          |  | Щ  |
|          | 67       |  |  | <u> </u>   |  |          |              |          |  |  |
|          | 68       |  |  |  |  |          |              |          |  |  |
|          | 69       | L  |  |  |  |          |              |          |  |  |
|          | 70       |  |  |  |  |          |              |          |  |  |
|          | 71       |  |  |  |  |          |              |          |  |  |
|          | 72       |  |  |  |  |          |              |          | L  |  |
|          | 73<br>74 |  |  |  |  |          |              |          |  |  |
|          | 74       |  |  |  |  |          |              |          |  |  |
|          | 75       |  |  |  |  |          |              |          | Г  |  |
|          | 76       |  |  |  |  |          |              |          |  |  |
|          | 76<br>77 |  |  |  |  |          |              |          |  |  |
|          | 78       |  |  |  |  |          |              |          |  |  |
|          | 79       |  |  |  |  |          |              |          |  |  |
|          | 80       |  |  |  |  |          |              |          |  |  |
|          | 81       |  |  |  |  |          |              | _        |  |  |
|          | 81<br>82 |  | _  |  |  |          |              |          |  |  |
|          | 83       |  |  |  |  | $\vdash$ |              |          |  |  |
|          | 84       | $\vdash$   | _  |  |  |          | -            |          |  |  |
|          | 85       | $\vdash$   | ┰  | _  |  | _        |              |          |  |  |
|          | 86       | <del>                                     </del> | <del> </del>                                     | $\vdash$   |  | T        | $\vdash$     |          |  | _  |
|          | 87       | $\vdash$   | $\vdash$   | <del>                                     </del> | <del>                                     </del> | $\vdash$ | _            | $\vdash$ | <del>                                     </del> |  |
| $\vdash$ | 88       | ├  | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$ |              |          | $\vdash$   | _  |
| -        | 89       | $\vdash$   |  | -  | $\vdash$   | $\vdash$ |              | $\vdash$ | $\vdash$   | $\vdash$   |
| <b> </b> | 90       | ⊢  | H  | -  | ⊢  | -        |              |          |  | -  |
| -        | 91       | ⊢  | $\vdash$   | -  | ├  | ├        |              | <u> </u> |  | $\vdash$   |
|          | 92       | ⊢  | ⊢  | ⊢  | ⊢  | ⊢        |              | ├        |  |  |
| -        | 93       | ⊢  |  | ┢  | ├  | ⊢        | $\vdash$     | ┝        | $\vdash$   | $\vdash$   |
| -        | 94       | <del>  -  </del>                                 | <del>                                     </del> | Η  | <del> </del>                                     | $\vdash$ | $\vdash$     | $\vdash$ | -  | <del>                                     </del> |
| -        | 95       | $\vdash$   | -  | $\vdash$   | ├  | $\vdash$ | $\vdash$     | $\vdash$ | $\vdash$   | -  |
|          | 96       | $\vdash$   | $\vdash$   | ├  | $\vdash$   | $\vdash$ | ┝            | $\vdash$ | $\vdash$   | $\vdash$   |
|          | 97       | <del>                                     </del> | <del>  -  </del>                                 | t  | $\vdash$   | $\vdash$ | $\vdash$     | $\vdash$ | ╁  |  |
|          | 98       | $\vdash$   | +  | $\vdash$   |  | $\vdash$ |              |          | <del>                                     </del> | $\vdash$   |
| <b>—</b> | 99       | <del>                                     </del> |  | t  | T  | Г        |              | $\vdash$ | Ι-   |  |
|          | 100      |  |  | Г  |  | Г        | Г            | _        | <del>                                     </del> |  |
|          |          |  |  |  |  |          |              |          |  |  |

| Cla          | aim  | Date                                |          |                |  |              |              |              |              |                 |
|--------------|--|-------------------------------------|----------|----------------|--|--------------|--------------|--------------|--------------|-----------------|
|              |  |                                     |          |                |  |              |              |              |              |                 |
| Final        | Original   |                                     |          |                |  |              |              |              |              |                 |
| ᇤ            | rig  |                                     |          |                |  |              |              |              |              |                 |
|              | 0  |                                     |          |                |  |              |              |              |              |                 |
|              | 101  | -                                   | -        | -              | -  | $\vdash$     |              |              |              | $\exists$       |
|              | 101<br>102   | H                                   |          |                |  | $\vdash$     |              | _            |              |                 |
|              | 103  |                                     |          |                |  | _            | _            |              |              | $\dashv$        |
|              | 104  | $\vdash$                            |          |                | $\vdash$   | _            |              |              |              | -               |
| <del></del>  | 105  | $\vdash$                            |          |                | $\vdash$   |              |              |              |              | $\vdash$        |
|              | 106  |                                     |          | -              | _  |              | -            | -            | -            | Н               |
|              | 107  |                                     |          | ├─             | -  |              | ┢            | $\vdash$     | $\vdash$     | Н               |
|              | 107  |                                     | _        | ┝              |  |              | $\vdash$     | ┝            | $\vdash$     | Н               |
|              | 100  |                                     | _        | $\vdash$       |  | _            | ⊢            | -            | ├─           | $\dashv$        |
|              | 109  |                                     | <u> </u> | -              |  |              |              | $\vdash$     | $\vdash$     | Н               |
| <u> </u>     | 110  |                                     | <u> </u> | ⊢              | <del> </del>                                     | ļ            | $\vdash$     | $\vdash$     | $\vdash$     | Щ               |
| <b>_</b>     | 111  | $\vdash$                            | _        | -              | <u> </u>   |              | <del> </del> |              | <del> </del> | $\vdash \vdash$ |
| ļ            | 112  |                                     | <u> </u> | <u> </u>       | <u> </u>   |              | $\vdash$     | $\vdash$     | $\vdash$     | Ш               |
| L            | 113  | <u> </u>                            |          | <u> </u>       | <u> </u>   |              | <u> </u>     | $\vdash$     | $\vdash$     | Щ               |
|              | 103<br>104<br>105<br>106<br>107<br>108<br>109<br>110<br>111<br>112<br>113<br>114<br>115<br>116<br>117<br>118<br>119<br>120<br>121<br>121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>130 | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |          | <u> </u>       |  | <u> </u>     | _            | <u> </u>     | <u> </u>     |                 |
|              | 115  | Ш                                   |          |                | L.   | _            | <u> </u>     |              | <u> </u>     |                 |
|              | 116  |                                     |          |                |  |              |              |              |              |                 |
|              | 117  |                                     |          |                |  |              |              |              |              |                 |
|              | 118  |                                     |          |                |  |              |              |              |              |                 |
|              | 119  |                                     |          |                |  |              |              |              |              |                 |
|              | 120  |                                     |          |                |  |              |              |              |              |                 |
|              | 121  | Г                                   |          |                |  |              |              |              |              |                 |
|              | 122  | $\overline{}$                       |          |                |  |              |              |              |              |                 |
|              | 123  | Г                                   |          | _              | Г  |              |              |              |              |                 |
|              | 124  | <u> </u>                            |          | $\vdash$       |  |              |              |              | Г            |                 |
|              | 125  | $\vdash$                            |          | _              | $\vdash$   | -            | <del> </del> | H            | H            | $\vdash$        |
|              | 126  |                                     |          | -              |  | _            | -            | $\vdash$     | $\vdash$     | М               |
| <b></b>      | 127  | $\vdash$                            |          | _              | <del>                                     </del> | -            | _            | $\vdash$     | $\vdash$     | Н               |
| <del> </del> | 128  | $\vdash$                            |          | -              |  | ┢            | $\vdash$     | _            | -            | H               |
| <del> </del> | 120  | $\vdash$                            |          | ┪              |  |              | $\vdash$     | $\vdash$     | $\vdash$     | Н               |
| -            | 130  | ╁                                   | $\vdash$ | ⊢              | ├  | ├─           | ┝            |              |              | Н               |
|              | 130  | _                                   | ├─       | ┢              | $\vdash$   | $\vdash$     | ⊢            | $\vdash$     | $\vdash$     | Н               |
| <u> </u>     | 131  |                                     | ⊢        | ├              | ⊢  | ├-           | $\vdash$     | $\vdash$     | _            | Н               |
| <u> </u>     | 132  | <del> </del>                        |          | ┢              | ⊢  | ⊢            |              |              | ⊢            | $\vdash$        |
| ļ            | 133  | -                                   | <u> </u> | $\vdash$       | ├  | $\vdash$     | ├            | <del> </del> |              | $\vdash\vdash$  |
| <u> </u>     | 131<br>132<br>133<br>134<br>135<br>136<br>137<br>138<br>139  | -                                   | -        | -              | -  | ├—           | <del> </del> | -            | -            | $\vdash$        |
| <u> </u>     | 135  | _                                   | <u> </u> | <del> </del> — | <u> </u>   | <u> </u>     | _            | <u> </u>     | -            | $\vdash$        |
| <u> </u>     | 136  | 1—                                  | <u> </u> | _              | <u> </u>   | <del> </del> | <del> </del> | -            |              | $\vdash \vdash$ |
|              | 137  | <u> </u>                            | <u> </u> | <u> </u>       | <u> </u>   | <u> </u>     | <u> </u>     | <u> </u>     | <u> </u>     |                 |
| L            | 138  | _                                   | L        | _              | <u> </u>   | <u> </u>     | <u> </u>     | _            | _            | Щ               |
|              | 139  |                                     | L_       | _              | <u> </u>   |              | <u> </u>     | <u> </u>     | <u> </u>     | Ш               |
|              |  |                                     |          | <u>L</u>       | <u> </u>   | <u> </u>     |              | L            | _            | Щ               |
|              | 141  | <u> </u>                            |          |                | $oxed{oxed}$                                     |              | <u> </u>     | <u></u>      |              | Ш               |
|              | 142  |                                     | <u> </u> | <u></u>        | <u></u>  |              |              |              |              | Ш               |
|              | 143  | L                                   |          | ╚              |  |              | $oxed{oxed}$ |              | L            |                 |
|              | 144  |                                     |          |                |  |              |              |              |              |                 |
|              | 145  |                                     |          |                |  |              |              | Ĺ            |              |                 |
|              | 146  |                                     |          |                |  |              |              |              |              |                 |
|              | 147  | Г                                   |          |                |  | Π            |              | -            |              |                 |
|              | 148  |                                     |          |                |  | Г            |              |              |              | П               |
|              | 149  |                                     |          |                | Г  |              | 1            | Ī            |              | П               |
|              | 150  | 1                                   | Г        | T              | $I^-$  |              |              |              |              | П               |
|              |  |                                     | 1        | 1              | 1  |              | ٠            |              |              |                 |